

2. The photo-curing composition as claimed in claim 1, which contains a compound having a siloxane bond in a molecule.

5 3. The photo-curing composition as claimed in claim 2, wherein at least one of the carbon cluster and/or its derivative (A), the compound (B) having heterocyclic rings in a molecule and the photo-insensitive resin (C) contains a compound having a
10 siloxane bond in a molecule.

4. The photo-curing composition as claimed in claim 2 or 3, wherein the compound having a siloxane bond in a molecule is contained in an amount of 1 to 30% by
15 weight in the photo-curing composition except a solvent.

5. The photo-curing composition as claimed in any one of claims 1 to 4, wherein the carbon cluster and/or its derivative (A) contains one or more substances
20 selected from the group consisting of fullerene, carbon nanotube, carbon nanohorn and their derivatives.

6. The photo-curing composition as claimed in any one of claims 1 to 5, wherein the carbon cluster and/or

its derivative (A) contains one or more substances selected from the group consisting of fullerene and fullerene derivatives.

5 7. The photo-curing composition as claimed in any one of claims 1 to 6, wherein the carbon cluster and/or its derivative (A) contains chemically modified fullerene.

10 8. The photo-curing composition as claimed in any one of claims 1 to 7, wherein the carbon cluster and/or its derivative (A) contains a derivative of a carbon cluster having a heterocyclic ring.

15 9. The photo-curing composition as claimed in any one of claims 1 to 8, wherein the total amount of fullerene and a fullerene derivative is in the range of 50 to 100 parts by weight in 100 parts by weight of the carbon cluster and/or its derivative (A).

20 10. The photo-curing composition as claimed in any one of claims 1 to 9, wherein the compound (B) having plural heterocyclic rings in a molecule contains a polymer having a heterocyclic ring in a side chain.

11. The photo-curing composition as claimed in claim 10, wherein the polymer having a heterocyclic ring in a side chain is a polymer obtained by allowing a polymer selected from the group consisting of an acrylic-based polymer, an epoxy-based polymer and a polyimide-based polymer to react with a compound having a heterocyclic ring.

12. The photo-curing composition as claimed in claim 10, wherein the polymer having a heterocyclic ring in a side chain is a polymer which is obtained by allowing a polyimide-based polymer to react with a compound having a heterocyclic ring and has a heterocyclic ring at at least one end.

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13. The photo-curing composition as claimed in any one of claims 1 to 12, wherein the compound (B) having plural heterocyclic rings in a molecule contains a compound having a molecular weight of 200 to 100,000.

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14. The photo-curing composition as claimed in any one of claims 1 to 13, wherein the compound (B) having plural heterocyclic rings in a molecule is a compound

having furan rings and/or thiophene rings as the heterocyclic rings.

15. The photo-curing composition as claimed in any
5 one of claims 1 to 14, wherein the compound (B) having plural heterocyclic rings in a molecule contains a heterocyclic ring-containing polyimide resin.

16. The photo-curing resin composition as claimed
10 in any one of claims 1 to 15, wherein the photo-insensitive resin (C) contains a polyimide resin.

17. A negative photoresist composition comprising the photo-curing composition of any one of claims 1 to 17.

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18. A process for producing a medical instrument, comprising applying the photo-curing composition of claim 15 or 16 on a substrate and then irradiating the composition with light to form a coating layer having a
20 thickness of 1 to 1000 μm .

19. A medical instrument obtained by the process for producing a medical instrument of claim 18.